

501 Great Circle Road
Suite 150
Nashville, Tennessee 37228
Tel: (615) 255-2288
Fax: (615) 256-8332
www.brownandcaldwell.com

Don WEBSTER

RECEIVED

2002 SEP -9 P 3: 31

September 5, 2002

27-19071.001

RCRA PROGRAMS BRANCH

BROWN AND
CALDWELL

Ms. Beth Guymes
U. S. Army Corps of Engineers
4155 Clay Street
Vicksburg, MS 39183

RE: Pre-construction Notification (PCN) for Nationwide Permit #38
Groundwater Interim Measures
Grenada Manufacturing Site, Grenada, Mississippi

Dear Ms. Guymes:

Attached for your review is a copy of a Pre-construction Notification (PCN) to consider the Grenada Manufacturing Groundwater Interim Measure Project under the U. S. Army Corps of Engineers' Nationwide Permit #38 (NWP 38). This PCN supplements a technical memorandum dated August 8, 2002, which details a wetlands delineation of the site. Initial inquiries and project information were previously submitted to your office on May 8 and July 6, 2001.

The decision to apply for work under the NWP 38 was based on the fact that the Interim Measure will be implemented under the authority of the RCRA program as administered by the US Environmental Protection Agency (USEPA) and the Mississippi Department of Environmental Quality (MDEQ). The project will consist of installing a subsurface permeable reactive barrier trench to treat impacted groundwater upgradient of Riverdale Creek.

This PCN consists of the following components:

- Application Form
- Attachment A - Vicinity Map
- Attachment B - Wetlands Delineation Map with Proposed Trench Alignment

Remedial construction activities at the site will begin as soon as possible; therefore, your prompt review of this PCN is appreciated. Thank you for your help in these matters. If you have any questions regarding the information provided, please do not hesitate to call me at (615) 250-1241.

Sincerely,

BROWN AND CALDWELL


Dale R. Showers, P.E.
Project Manager

Docket Number 450427

Ms. Beth Guymes
September 5, 2002
Page 2

cc: Don Webster, USEPA
Louis Crawford, MDEQ
John Bozick, ArvinMeritor
Don Williams, Grenada Manufacturing
John Devic, Collins and Aikman
Jeffrey Karp, Esq., Swidler Berlin Shereff Friedman, LLP

**PRE-CONSTRUCTION NOTIFICATION APPLICATION
FOR NATIONWIDE PERMIT #38**

**Grenada Manufacturing Site, Grenada, Mississippi
Groundwater Interim Measure**

APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT
(33 CFR 325)

OMB APPROVAL NO. 0710-0003
Expires December 31, 2004

The public reporting burden for this collection of information is estimated to average 10 hours per response, although the majority of applications should require 5 hours or less. This includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Service Directorate of Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302; and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003), Washington, DC 20503. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies. Submission of requested information is voluntary, however, if information is not provided, the permit application cannot be processed nor can a permit be issued.

One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETED
--------------------	----------------------	------------------	-------------------------------

(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME ArvinMeritor, Inc.	8. AUTHORIZED AGENT'S NAME AND TITLE (<i>an agent is not required</i>) Brown and Caldwell Dale Showers, P.E., Project Manager
6. APPLICANT'S ADDRESS Attn: Mr. John Bozick 2135 West Maple Road Troy, MI 48084	9. AGENT'S ADDRESS Brown and Caldwell 501 Great Circle Road, Suite 150 Nashville, TN 37228
7. APPLICANT'S PHONE NUMBERS WITH AREA CODE a. Residence b. Business (248) 435-7908	10. AGENT'S PHONE NUMBERS WITH AREA CODE a. Residence (b) (6) b. Business (615) 250-1241

11. STATEMENT OF AUTHORIZATION

I hereby authorize **Brown and Caldwell** to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

APPLICANT'S SIGNATURE

DATE

NAME, LOCATION AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE (*see instructions*)

Grenada Manufacturing Groundwater Interim Measure Project

13. NAME OF WATERBODY, IF KNOWN (*if applicable*)

Riverdale Creek

15. LOCATION OF PROJECT

Grenada
COUNTY

Mississippi
STATE

14. PROJECT STREET ADDRESS (*if applicable*)

Grenada Manufacturing, LLC
635 Highway 332
Grenada, MS 38901

16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (*see instructions*)

N 33° 48.48'; W 89° 48.19'

17. DIRECTIONS TO THE SITE

From Grenada: Take MS-333/MS-8 West; turn Right onto US-51; turn Right on MS-332. The facility is on the Right approximately 3 miles from the center of Grenada.

18. Nature of Activity (Description of project, include all features)

Install a subsurface permeable reactive barrier (PRB) approximately 1,200 feet long by 3 feet wide by 60 feet deep. The PRB will consist of a subsurface trench filled with a mixture of iron filings and sand to passively treat impacted groundwater. See also Attachment B. The PRB installation will require the construction of a work platform and access road as described below. The road will provide access during construction as well as providing access to monitoring wells located along the trench alignment following construction.

19. Project Purpose (Describe the reason or purpose of the project, see instructions) The PRB is being installed to treat impacted groundwater prior to migration to Riverdale Creek. The project is a RCRA Corrective Action Interim Measure being implemented under the authority of the United States Environmental Protection Agency (USEPA) Region 4 and the Mississippi Department of Environmental Quality (MDEQ). The proposed project would tentatively begin in Spring 2003 and end in Summer 2003.

USE BLOCKS 20-22 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

In order for the PRB to be installed, it is necessary to import fill material to construct a 90 to 120 feet wide by 3 feet thick work platform and access road.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards

The imported soil fill will consist of a clean structural fill or coarse aggregate and will be between approximately 12,000 and 16,000 cubic yards.

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Approximately 3 acres of wetlands would be impacted. The fill material will be trucked to the site and placed using a bulldozer or similar equipment.

23. Is Any Portion of the Work Already Complete? Yes _____ No X IF YES, DESCRIBE THE COMPLETED WORK

24. Addresses of Adjoining Property Owners, Lessees, etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

Mr. Julian S. Kirk owns the property adjacent to the property owned by Grenada Manufacturing, LLC. A significant portion of the PRB installation will occur on property owned by Mr. Kirk. His address is: (b) (6)

25. List of Other Certifications or Approvals/Denials Received from other Federal, State, or Local Agencies for Work Described in This Application

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
USEPA	Design Basis Report	EPA ID No. MSD 007 037 278	5/18/01	11/14/01	N/A

*Would include but is not restricted to zoning, building and flood plain permits

26. Application is hereby made for a permit or permits to authorize the work described in this application. I certify that the information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

SIGNATURE OF APPLICANT

DATE

SIGNATURE OF AGENT

DATE

The application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States, knowingly and willfully falsifies, conceals, or covers up any trick scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

ATTACHMENT A

Vicinity Map

DRAWING NO.: 19071-001 DATE: 07/24/02 PLOT SCALE 1=1



SOURCE: U.S.G.S. TOPOGRAPHIC MAP, GRENADA, MISSISSIPPI

FIGURE 1

SITE VICINITY MAP

GRENADA MANUFACTURING, LLC PLANT
GRENADA, MISSISSIPPI

19071.001

7/02

**BROWN AND
CALDWELL**

Nashville, Tennessee

ATTACHMENT B

Wetlands Delineation with Proposed Trench Alignment

SOURCE: MAP PREPARED BY ALMON ASSOCIATES, 1993. WELL LOCATIONS SHOWN ARE APPROXIMATE.

Monitoring Well

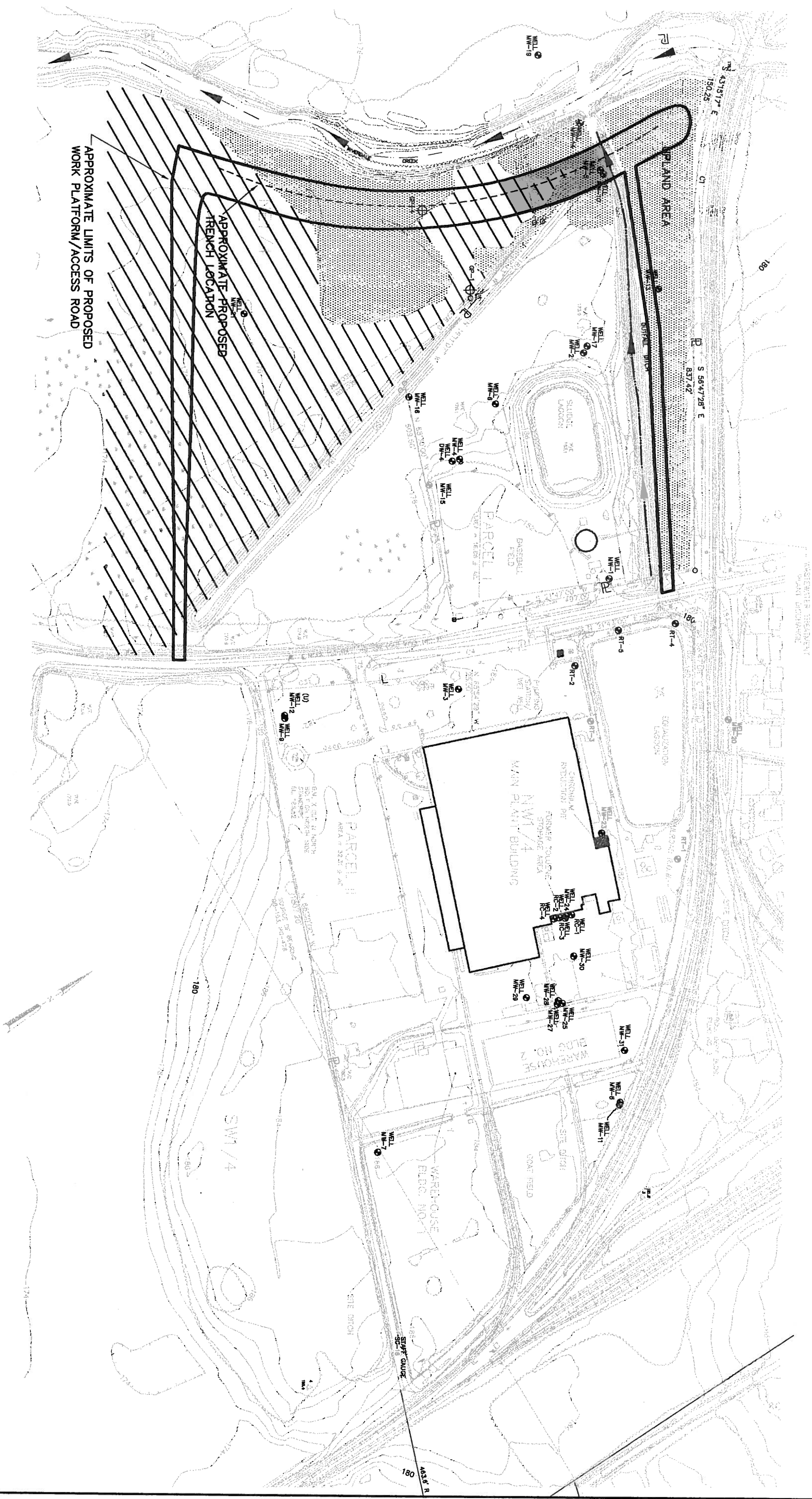
Geoprobe Piezometer

Surface Water Flow Direction

Wetlands Area

Uplands Area

LEGEND



WETLANDS AREAS

FIGURE 2

GRENADA MANUFACTURING, LLC PLANT
GRENADA, MISSISSIPPI
19071.001
BROWN AND CALDWELL
Nashville, Tennessee

08/02